

# 5844

Diag'd. on diag charts No. 1256 & 1257

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey ..... Planimetric

Field No. T-5844 ..... Office No. ....

### LOCALITY

State ..... Florida

General locality West Coast of Florida

Locality Manatee River at Bradenton

Date of photos: Dec. 8, 1939. Supple-  
mented by ground surveys to Nov. 1941.  
194

### CHIEF OF PARTY

Lieut. Comdr. Kenneth G. Crosby

### LIBRARY & ARCHIVES

DATE Sept 19-1947

B-1870-1 (1)

# 5844

Applied to chart 586 before review, Oct. 10, 1942. L.A.M.  
" " " 1257 " " Oct. 10, 1942. L.A.M.  
" " " 1256 " " Oct. 16, 1942. L.A.M.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

REG. NO.

T5844

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

~~XXXX~~ No. Sheet No. T-5844

REGISTER NO.

State Florida

General Locality West Coast of Florida

Locality Manatee River at Bradenton

Scale 1:10,000 Date of ~~Survey~~ <sup>Survey</sup> Photos Dec 8, 1939

~~Vessel~~ Party : Air Photographic Party No. 1

Chief of party Lieut. Comdr. Kenneth G. Crosby

~~Surveyed by~~ Field inspected by : Lieut. James D. Thurmond and  
Harold A. Duffy Sr. Photo. Aid.

Inked by Cornelius A. J. Pauw, Sr. Engr. Aid

Heights in feet above \_\_\_\_\_ to ground to tops of trees

Contour, Approximate contour, Form line interval \_\_\_\_\_ feet

Instructions dated April 3rd, 1940.

Remarks: \_\_\_\_\_

## SUPPLEMENTARY SURVEYS

	Name	Date	Hours
Control Surveys .....	WHS-JEH	December	23 1/4
Planctable Surveys .....			
Total			2 3/4

## FIELD INSPECTION

Preparation of Photographs .....	W J K - C H	OCTOBER	9 1/4
Field Work .....	JDT- HAD	OCT & NOV	79 1/2
Inking Notes .....	HAD	OCT.	34
Coast Pilot Notes .....			
Geographic Name Reports .....	X	NOV & DEC	23
Landmarks for Charts .....			
Description Cards .....	JDT - HAD	NOV & DEC	22
Recovery Notes .....			
Total			137 3/4

## MAIN RADIAL PLOT

Scale Plot .....	JEH	JAN	3
Projection on Base Sheet .....	Washington Office		
Projection on Survey Sheet .....			
Control Plotted .....	W H S	Feb.	1 1/2
Control Checked .....	KGC- WHS.	Feb.	1 1/2
Control Trans. to Base Sheet .....	WHS	Feb.	1/2
Transfer Checked .....	JAG	Feb	1/2
Control Picked on Photographs .....	X	Dec.	10
Control Checked on Photographs .....	WHS - FHE	Dec.	6
Hydro. & Topo. Stations Picked .....	X	Dec.	56
Radial Points Picked .....	X	Dec & Jan	20
Adjacent Centers Picked .....	X	Dec.	34
Templates .....	X	Dec	31 1/2
Radial Plot .....	WHS- KGC- CAJP	FEB.	8
Radial Points Transferred .....	WHS - CAJP	Feb.	2 1/2
Transfer Checked & Inked .....	WHS-CAJP	FEB.	8
H & T Stations Scaled & Checked .....	CAJP - jeh	May & June	17 1/4
Additional Radial Points .....	CAJP	March	26
Total			224 1/4

## DETAILING

Rough Draft .....	CAJP	Mar. Apr. May	340
Smooth Draft .....			
Total			340

## COMPILATION

Name Overlay .....	CAJP	MAY	20
Descriptive Report .....	CAJP WHS	MAY	10
Field Review .....	WHS	JULY	32
Total			62

Total time spent on Sheet..... 766 3/4 hours.

x- several of office personnel

SHEET NO. T- 5844

## PHOTOGRAPHS

Number	Date	Time	Stage of Tide
4013	Dec. 8, 1939	11:09	+ .90
4025	" "	11:19	+ .90
4026	" "	11:19	+ .90
4027	" "	11:20	+ 1.00
4034	" "	11:28	+ 1.00
4035	" "	11:29	+ 1.00
4062	" "	11:52	+ 1.10
4063	" "	11:53	+ 1.10
4064	" "	11:54	+ 1.10

Tide from predicted tables for: Bradenton, Manatee River,  
Reference Station: Tampa Bay (St. Petersburg)

Camera: U. S. Coast and Geodetic Survey Nine-lens (focal length 8 1/2 inches)  
Negatives on file at the Washington Office.

## SCALE

Mean scale of Photographs... 1 : 10,000 : 9955.....  
Scale of Survey Sheet ..... 1 : 10,000 .....

## STATISTICS

Area (land) ..... 26.7 Square statute miles  
Shoreline (more than 200 m. from opposite shore) .... 41.0 Statute miles  
Shoreline (creeks) ..... 18.0 Statute miles  
Roads, streets, trails, and railroads ..... 228.0 Statute miles

Detail below 27°28' has been returned to field (in Ozalid-print form) to be added to adjoining sheet, since extent of celluloid did not permit reproduction in its entirety. F.R.W.

## REFERENCE STATION

Station: Braden 1934  
Datum: N.A. 1927

Latitude: 27° 29' 41".889 (1289.3 m)  
Longitude: 82° 34' 21".445 (588.6 m)

Adjusted

Fla. West

X = 314,360.55

Y = 1,149,481.68

DESCRIPTIVE REPORT  
TO ACCOMPANY  
SHEET NO. T-5844

GENERAL

This sheet was compiled in accordance with "Instructions for Drafting Air Photographic Surveys, Project H. T. 242", dated April 3, 1940.

The general location of the area covered by this map drawing is Florida, West Coast, in the vicinity of the towns of Palmetto and Bradenton.

The terrain along the shores of Terra Ceia Bay is covered with dense growth of mangrove, and is deeply indented by bayous in areas not protected by levee or dikes. The protected areas are under extensive cultivation. Oyster bars abound in the shoal areas of this bay. The Manatee River shores are mostly firm banks and bulkheads. The terrain immediately adjacent to these shores consists of cultivated areas, palms, live-oaks, and mixed deciduous trees. Snead and Terra Ceia Islands and the mainland north of Palmetto are under extensive cultivation (truck farming and citrus groves). McGill Island comprises a narrow sand ridge along the Tampa Bay Shore on which grow palms and a few deciduous trees. The central portion is mostly sand and mudflats, (flooded at M. H. W.); ponds and mangrove swamps. There are no signs of permanent habitation on this island. The area immediately west of Bradenton comprises rural homes, small farms, and orchards. The area immediately south of Bradenton is mostly dairy farms and citrus groves. The southwest section of the sheet covers a thinly settled area, practically all of which is grass land, thinly scattered pine, and scrub oak.

The railroad track layout in Palmetto and Bradenton was marked on the photographs in the Tampa office, with the aid of right-of-way maps, furnished by both the Atlantic Coast Line and the Seaboard Airline Railroads.

Streets that are shown by double lines should be drafted 0.6m.m. wide, with the exception of streets shown wider, in which case their actual width appears on this map drawing. All roads shown by a centerline only, should be shown 0.6m.m. wide on the smooth draft.

In the rural areas all buildings visible on the photographs have been shown. In the city areas, buildings one block back from the water fronts are shown, as well as all public buildings.

Approximate M. L. W. is shown by dotted lines. Small oyster bars, bare at M. L. W., consisting of shells and sand are similarly indicated.

Approximate shoal limits are indicated by dashed lines and are to be considered as an aid to the hydrographic party.

### CONTROL

The following nine (9) triangulation stations, established by this Bureau, appear within the tracing limits of this sheet:

			H+T	(18)
BRADEN	1934	ESTABLISHED BY	AGE	1941
			ANN	"
✓ Manatee Fruit Co.	1934	G. L. Anderson	MRC	"
Silver Water Tank			BIS	"
			BOY	"
Peep	1925	R. P. Eyman	BUD	"
			BUG	"
			CAN	"
Palmetto, Muni. Power			DEW	"
Plant, Silver Water Tank			DID	"
(Man. 1925)	1934	G. L. Anderson	DOZ	"
McNeil	1925	R. P. Eyman	FEN	"
			IRK	"
Fog	1925	R. P. Eyman	PET	"
			SKI	"
Bradenton, Florida Power			TED	"
Corp.			TIL	"
(White Stack, 1925)	1934	R. P. Eyman	YOE	"
Bradenton, Silver Muni.			<u>BM's</u>	
Water Tank	1934	R. P. Eyman	Tidal #1	1936 Bird Key
			"	1941 Bradenton
			" 2	"
Bradenton Standpipe	1908	W. B. Fairchild	K-39	1933
			L-39	1941
			M-39	"

Triangulation Stations: Shaw, 1925; Manatee Muni. Water Tank, 1934; and Mocatee-Manatee Crate Co. Water Tank, 1934, appear on this sheet but fall outside the detailing limits. EDD 37, USE 35 1941

Triangulation station McNeil 1925 could not be used in the main radial plot due to a discrepancy of about 19 meters in latitude between the plotted geographic positions and the position determined by radial intersection when holding on all other triangulation. Investigation was made to determine the cause of the discrepancy without success. It is possible that the original picking of "McNeil" on the Field Inspection may be in error although some geodetic azimuth agree with the geographic position and other geodetic azimuth agree with the radial plot positions; field inspection distances also check the radial plot position. The geographic position of station McNeil was ignored when detailing in this vicinity.

*Additional Δ plotted during review:*

1. Bradenton Lumber Co, silver tank, 1934(d). bP's p 216
2. Palmetto church spire, 1908(d.m) " " 730
3. " school dome, 1908(d.m) " " 730

(LTS  
Dec. 1941)

### MAIN RADIAL PLOT

A continuous radial plot was laid on February 19, 1942, for the location of radial points, hydrographic and topographic stations, bench marks, photograph centers, etc. It extended over the area covered by sheets T-5843 to T-5846, inclusive, and made a junction with the previous radial plot which had been extended southward of T-5842 at photographs Nos. 4035, 4036, 4061 and 4062. The agreement between the two plots at the junction was excellent.

The plot consisted of 39 templates. Four templates had from 9 to 10 triangulation stations within their limits, namely; 4013 4014, 4024, 4025; seven templates had 4 to 9 triangulation stations; namely, 4023 4026, 4027, 4028, 4033, 4034, and 4064; six templates were controlled by three triangulation stations; namely, 4011, 4015, 4021, 4029, 4063 and 4133; fifteen templates were controlled, but not rigidly fixed by one or two triangulation stations, while seven had no triangulation control within their limits. All templates not rigidly fixed by triangulation control were laid by holding to well established points which had been determined by radial intersections of previously laid and well controlled templates.

The usual practice of laying the main radial plot was followed. This consisted of plotting and checking the control on the survey sheets and then transferring these points to the base grid sheets by matching individual grid squares. The amount of adjustment in each grid square was negligible. The grid sheets were taped to the plotting table and allowed to remain for 48 hours before any templates were laid. Prior to laying the templates the base grid sheets were examined for movement and where such movement had taken place the grid sheets were given a final adjustment and all matched grid lines were in excellent agreement.

Excessive tilt was found in several photographs, the worst condition being found in photographs 4024 and 4062. (T-5844)

Attention is invited to the fact that photograph 4128, 4129 4130 and 4131 are not in the correct position as indicated on the photograph index of this area. These photographs consequently, were not of much value in this plot.

The time consumed in laying the plot amounted to one day or twenty-four men hours. It was laid by the Chief of Party assisted by two photogrammetric aids. Agreement along the flight line as well as the intersections of radial lines to adjacent photograph centers were excellent and it was unnecessary to relay any part of the plot. After laying all of the templates the points were transferred to the survey sheets by again matching the grid squares.



5844 The majority of the points on this sheet were located by the common intersection of 4 to 8 radial lines. The northern portion of this sheet, north of Latitude  $27^{\circ} 33'$ , is common to points located by the previous main radial plot. The agreement in location of points in this area as determined by the two independent plots was excellent and no large or unusual adjustment was necessary. There are no points within the limits of this sheet where location was determined by less than three radial lines.

It is believed that with the excellent agreement of the templates along the flight line and the resulting common intersections of the radial lines for the various points, that the positions of such points are not more than 0.25 m.m. from the correct location since there was no triangle of error in the points picked onto the survey sheet.

Various colored inks were used on the mounted office prints and on the survey sheets to designate triangulation, traverse and topographic stations, etc. The following key is furnished for this information:

#### Photographs (Office Prints)

Triangulation & Traverse Stations.....2.5 mm blue circle  
 Marked Hydro and Topo Signals.....2.5 mm green circle  
 Radial Points (Main Plot).....2.5 mm red circle  
 Radial Points (Additional).....3.5 mm red circle  
 Photograph Centers.....Double circle

#### Survey Sheet

Triangulation Stations.....3.5 mm high black triangle  
 Hydro & Topo. Stations.....2.5 mm black circle  
 Radial Points(Main Plot).....2.5 mm blue circle on back of sheet.  
 Radial Points ( Additional) .....3.5 mm blue circle on back of sheet  
 Radial Points( Questionable).....3.5 mm green circle on back of sheet.

#### NON-FLOATING AIDS

Non-floating aids appearing on this sheet have been listed on Form 567, which has been made apart of this report. The non-floating aids in the Manatee River were located by the radial plot-- and checked by sextant fixes and adjusted where necessary. The non-floating aids in the Terra Ceia Bay were plotted from sextant fixes only.

#### INTERPRETATION OF PHOTOGRAPHS

The photographs were clear, and no peculiar difficulties in interpretation were encountered.

## FIELD INSPECTION

Field inspection was made by Lieut. James D. Thurmond and Harold A. Duffy, Sr. Photogrammetric Aid, by truck and skiff during the months of October and November, 1941.

Field notes were adequate in all cases, excepting the region shown in the southwest corner of the sheet. This region was extended subsequent to the completion of the field inspection. However, this particular area is of relatively slight importance, the vegetation is uniform, and so no difficulty was experienced. In May 1942, the compiler covered this area by automobile to acquaint himself with photograph interpretation and inspected all doubtful areas and made some corrections and additions on this sheet. Details as now shown in this area are correct. The compiler also spent one day in the Terra Ceia Bay area and covered the several bayous by boat.

## BRIDGES

Type and kind of structures have been indicated and in the navigable waters, horizontal and vertical clearances noted.

The first bridge over Ware Creek (labelled "A") is listed in the "List of Bridges over Navigable Waters of the U. S.", as having a bascule span. The steel structure is of the bascule type with double lift, but there is no operating machinery. The wooden decking is continuous, making the bridge fixed, for all practical purposes.

## DETAILING

This sheet was detailed in accordance with the current instructions for the project. The sheet was prepared for inking by rubbing it with drymagnesium carbonate and then washing it. The ink has adhered well and no re-inking has been necessary.

The scale of the photograph ranged from excellent to very poor. The best photographs were 4013, 4063, and 4026. Photographs 4027, 4043 were fair only. Photograph 4062 was poor and was used only in detailing the relatively small area north of Tampa Gap Drain in northeast corner of the drawing. Photograph 4064 was of poor scale and was not used. Photograph 4025 was used to detail the eastern half of Bradenton and Manatee in spite of the fact that it was of rather poor scale. Photograph 4024 (the center of which fell just outside the detail limits) could not be used because of large distortion; this applies also to photograph 4014. Photographs 4129, 4131, 4061 and 4036, whose centers fall outside the detail limits were used for Terra Ceia Island and also for the southern portion of the map.

To overcome the difficulties presented by the necessity of using poor scale photographs, many additional radial points were intersected. In the Terra Ceia Bay area, additional radial points were intersected to supplement the H. and T. stations, many of which were not suitable for detailing because the H. and T. stations were picked on house gables and other leaning objects.

The stereoscope was employed to determine the exact positions and shapes of tall buildings and other difficult features, such as merging of swamplands and forests, etc.

Symbols have been used wherever time could be saved without reducing the correctness of interpretation of the map. The legend of symbols used by the field inspectors and compiler has been made apart of this report.

#### JUNCTIONS

This map drawing joins sheet number T-5842 on the north, sheet number T-5843 on the west, and sheet number T-5845 on the east. All junctions are in agreement.

#### GEOGRAPHIC NAMES

A report on the investigation of Geographic names was made and submitted by Harold H. Duffy, Sr. Photogrammetric Aid. All geographic names are shown on the name sheet.

#### LAND MARKS

No prominent land marks appear on this sheet.

Respectfully submitted

*Cornelius A. J. Pauw*

Cornelius A. J. Pauw,  
SR. ENGINEERING AID.

Forwarded,

*Kenneth G. Crosby*  
Kenneth G. Crosby,  
Chief of Party...

**LEGEND USED FOR FIELD INSPECTION AND DRAFTING  
PROJECT 242 - 1942**

**TREES**

Pi - Pine  
Cy - Cypress  
Palo - Palmetto  
Palm - Palm  
D T - Deciduous trees (broad leaf)  
Cit - Citrus (orchard)  
Mix - Pine, cypress & Dec. trees  
(Density)  
Sct. - Scattered  
t.w. - Thinly wooded  
h.w. - Heavily wooded  
Scr. - Scrub trees;

**VEGETATION**

C - Cultivation  
Gr - Grass  
T Gr - Tall Tropical Grass  
M - Marsh (dashed blue line on  
inshore limits)  
M W - Marsh grass in water (dashed blue  
line on offshore limits)  
Sw - Swamp  
Mg - Mangrove  
Hdg - Hedge

**STREAMS**

Ca - Canal (width)  
Cr - Creek  
D - Ditch (width)  
I S - Intermittent Stream  
PDU - Probable drainage unsurveyed  
Brg - Bridge or symbol  
Cv - Culvert  
Lev - Levee

F.G.S. - Florida Geodetic Survey  
U.S.E. - U. S. Engineers  
USBS - U. S. Biological Survey

**ROADS & RAILROADS**

Rd 1 - 1st class road (paved)  
Rd 2 - 2nd class road  
Tr - Trail  
R R - Railroad  
O P - Overpass (state the kind)  
U P - Underpass (state the kind)  
X - Abandoned trail, road, etc.  
R R ab - P.R. abandoned (grade only)

**PONDS**

P - Pond  
Cy P - Cypress Pond  
I P - Intermittent Pond

**SHORE LINE**

H.W.L. - mean high waterline (solid  
red line - fast land)  
L.W.L. - low waterline (dashed red line)  
L.L. - Light line (solid blue line for  
mean high water line on marsh)  
Dk - Dock  
Pr - Pier  
Se W - Seawall  
Bkhd - Bulkhead  
Conc - Concrete  
Wo - Wooden  
Jet - Jetty  
Dol - Dolphin  
pile - pile (give type)  
S - Sand  
Mud - Mud  
Rk - Rock or Rocky  
Sty - Stony  
W - Water  
Blf - Bluff (height)

**BUILDINGS**

H - House, barn or building  
Ch - Church (give name)  
Ct H - Court House (give name)  
Bo H - Boat House  
P.O. - Post Office (give name)  
R.R. Sta - Railroad station (give name)  
Hos - Hospital (give name)  
Sch - School (give name)

**MISCELLANEOUS**

F - fence  
FB - Fire Break (maintained)  
FBX - Fire Break (abandoned)  
Cem - Cemetery  
Park - Park (give name)  
F.T. - Fire Tower  
T.T. - Transmission tower (tall steel)  
P.L. - Power Line  
Sheal - Approx. limits by long dashed  
line for use by hydrographer

# GEOGRAPHIC NAMES

C=cht 586 W.A.B Survey No. T-5844  
10/1/43

No. 1

Name on Survey

		On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
	A	B	C	D	E	F	G	H	K	
C ✓ Tampa Bay ✓										1
C ✓ Manatee River ✓										2
C ✓ McGill Bay ✓										3
✓ Little McGill Pass ✓										4
C ✓ Sister Keys ✓										5
C ✓ Critical Bayou ✓										6
✓ Critical Creek ✓										7
✓ Little McGill Cutoff ✓										8
C ✓ McGill Cutoff ✓										9
C ✓ Eds Key ✓										10
C ✓ Bird Key ✓										11
C ✓ McGill Island ✓										12
C ✓ Rock Point ✓										13
C ✓ Terra Ceia Point ✓										14
C ✓ Terra Ceia Bay ✓										15
C ✓ Terra Ceia Island ✓										16
C ✓ Beville Point ✓										17
C ✓ Boots Point ✓										18
C ✓ Tillette Bayou ✓										19
C ✓ Sea Breeze Point ✓										20
C Palm View ✓										21
✓ Tampa Gap Drain ✓										22
C ✓ Lakes Point ✓										23
C ✓ Peterson Bayou ✓										24
✓ Snead Island Cutoff ✓										25
C ✓ McKay Point ✓										26
C ✓ Snead Island ✓										27

	Remarks	Decisions
1		
2		275826
3		"
4		"
5		"
6		"
7		"
8		275825
9		275826
10		"
11		"
12		" U.S.G.B.
13		"
14		" U.S.G.B.
15		275825 "
16		" "
17		"
18		275826
19		275826
20		"
21		"
22		"
23		"
24		"
25	Recent U.S.G.B. decision (Not Terra Ceia Cutoff)	275826 U.S.G.B.
26		"
27		"

# GEOGRAPHIC NAMES

Survey No. T-5844

No. 2

Name on Survey

On Chart  
No.

On previous survey  
No.

On U. S. quadrangle  
Maps

From local  
information

On local Maps

P. O. Guide or Map

Rand McNally Atlas

U. S. Light List

A

B

C

D

E

F

G

H

K

C ✓	Champlain Bayou	(OK)										1
C ✓	Gus Point											2
C ✓	Clambar Bayou											3
where? C ✓	Little Bird Key											4
C ✓	Portavant Mound											5
C ✓	Hooker Point											6
C ✓	Palmetto											7
C ✓	Point Ogden											8
C ✓	Green Bridge											9
C ✓	Devil Point	Point Pleasant (recent USFB decision)										10
C ✓	Ware Creek	Ware Creek (recent USFB decision)										11
C ✓	Bradenton											12
C ✓	Fogarty Point											13
C ✓	McLewis Bayou											14
C ✓	McNeil Point											15
C ✓	Warner Bayou											16
C ✓	Manatee											17
												18
												19
												20
												21
												22
												23
												24
												25
												26
												27

Names underlined in red approved

by L. Heck on 9/14/42

	Remarks	Decisions
1	Apply this name pending inquiry to Tampa: name sheet has Champlain Bayou, but report states it is Champion Bayou, for a local old family of that name	275826
2		"
3		"
4		"
5		"
6	Apply this charted name pending decision of USGB with regard to Atwater Point	"
7		275825
8		"
9		"
10	Apply this name pending action of USGB with regard to Point Pleasant	"
11		"
12		274825
13		275825
14		"
15		"
16		"
17		274825
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		



~~TO BE CHARTED~~ } STRIKE OUT ONE  
~~TO BE DELETED~~ }

## LANDMARKS FOR CHARTS

Tampa, Florida

May 30, 1933 42

I recommend that the following objects which have (~~been~~<sup>have</sup>) been inspected from seaward to determine their value as landmarks, be charted on (~~the~~<sup>these</sup>) the charts indicated.

The positions given have been checked after listing.

*[Signature]*

~~Kenneth G. Crosby,~~

**Chief of Party.**

[illegible]

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

**TO BE CHARTED**  
**TO BE DELETED** } STRIKE OUT ONE

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

**LANDMARKS FOR CHARTS**

Tampa, Florida

List of permanent (non-floating)  
Aids to Navigation-Sheet T-5844

Ch. 2. 398-42  
Filed in Tampa, Fla. Oct. 1942

May 30, 1942, 1943

I recommend that the following objects which have ~~(have been)~~ been inspected from seaward to determine their value as landmarks,  
be charted on ~~(delete from)~~ the charts indicated.  
The positions given have been checked after listing.

*Kenneth G. Crosby*  
Kenneth G. Crosby

Chief of Party

GENERAL LOCALITY	NAME AND DESCRIPTION	POSITION				METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED W. 18, 19, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
		LATITUDE ° ' "	D. M. METERS	LONGITUDE ° ' "	D. P. METERS						
Manatee River	Mc Neil Point Spit Light 12	Red	27 31	20	82 37	216	N. A. Radial plot	Oct. 1941	x	x	586-1256
	Hooker Point Light 7	Black	27 30	1362	82 36	846	"	"	x	x	"
	Manatee River Beacon 14	Red	27 30	1010	82 35	10	"	"	x	x	"
	Daniel Point Shoal Light 16	Red	27 30	958	82 34	1385	"	"	x	x	"
	Palmetto Cut Beacon 1	Black	27 30	990	82 34	1072	"	"	x	x	"
	Palmetto Cut Beacon 2	Red	27 30	995	82 34	932	"	"	x	x	"
	Palmetto Cut Beacon 3	Red	27 30	897	82 34	801	"	"	x	x	"
	Palmetto Cut Beacon 4	Red	27 30	854	82 34	862	"	"	x	x	"
	Bradenton Cut Range Rear Lt.		27 30	1164	82 34	1290	"	"	x	x	"
	Bradenton Cut Range Front Lt.		27 30	1029	82 34	1223	"	"	x	x	"
	Manatee River Beacon 18	Red	27 30	240	82 33	1503	"	"	x	x	"
	Manatee River Beacon 20	Red	27 30	338	82 33	1176	"	"	x	x	"
	Terra Ceia Cut off Beacon 2	Red	27 31	560	82 36	1221	"	"	x	x	"
	Terra Ceia Cut off Beacon 4	Red	27 31	1368	82 36	646	"	"	x	x	"

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

## NAUTICAL CHARTS BRANCH

SURVEY NO. 5844

### Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

Division of Photogrammetry  
Review of Planimetric Map T-5844

Radial Plot.

The main radial plot has not been relaid as a check in this office, but is accepted as submitted.

Field Inspection and Detailing.

These were generally adequate. The field inspection photographs were compared with the manuscript during review and many minor changes were made along the shoreline and in the interior.

Comparison with Nautical Charts.

T-5844 was applied to charts 586, 1256, and 1257 prior to this review. Changes made during the review are shown in red on the manuscript. These are small but some of the shoreline changes are pertinent to charts and should be examined when these charts are again taken up for correction. This fact was reported to the Nautical Chart Branch in December 1945, and the reviewed manuscript was compared with chart 586 in May 1947.

Reviewed under the direction of R. M. Berry, December 1945.

Review report prepared by B. G. Jones from reviewer's notes, September 1947.

Approved by:

<i>B. G. Jones 9/47</i>	<i>R. M. Berry</i>
Technical Assistant to the Chief, Div. of Photogrammetry	Chief, Nautical Chart Br. Division of Charts

<i>B. G. Jones 11 Sept 47</i>	<i>C. K. Green</i>
Acting Chief, Div. of Photogrammetry	Chief, Division of Coastal Surveys